



# EGR Valve Cleaner

## Product Sheet

**Bardahl EGR Valve Cleaner** is a product specifically designed for cleaning the EGR valve and the intake ducts of the latest generation diesel and petrol engines.

The EGR (Exhaust Gas Recirculation) valve is an emission control device located after the engine exhaust connector and regulates the amount of exhaust gases that are returned to the intake stream. Its purpose is to make it easier for the engine to burn fuel more efficiently and completely by recirculating part of the exhaust fumes and running the combustion process again. All this guarantees a decrease in the temperature of the cylinders, facilitating a better combustion of the fuel and the reduction of nitrogen oxide (NOx) emissions, thus avoiding the formation of harmful gases.

The most frequent problem with the EGR valve is the accumulation of dirt, due to the continuous passage of exhaust gas. This can cause serious problems in engine performance and emissions: problems at low revs and acceleration, etc.

### EGR Valve Cleaner

- Eliminates soot, gums, varnish and all carbon deposits from the intake valves and the EGR valve
- Cleans the intake system, intake valves and EGR valve
- Restores correct air circulation in the combustion chamber, eliminating poor idling speed
- Allows perfect combustion
- Limits excessive fuel consumption
- Prevents the formation of deposits

Bardahl EGR Valve Cleaner is compatible with particulate filters and catalytic converters.

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### METHOD OF USE

Before Application: make sure your vehicle's problem is definitely due to an EGR valve malfunction. This product is not suitable if there is a short circuit or lack of electricity to the EGR valve.

Remove the EGR valve from the vehicle and store it in a suitable container. Spray generously on the carbon deposits (do not spray on the electrical or pneumatic connections of the valve). Wait 3-4 minutes for the carbon deposits to soften. Clean the valve with a soft cloth to remove carbon deposits. Repeat the operation in case of persistent dirt. Reinstall the clean EGR valve on the engine.

### FOR PROFESSIONAL USE ONLY \*

Start the engine and bring it to operating temperature. Disconnect the sleeve located between the air filter and the intake manifold outside the air sensor. Keep the engine at a constant speed of approximately 2000 rpm. Spray 4 or 5 times at intervals of 1 second maximum, into the intake pipe as close as possible to the EGR valve. Wait for 1 minute and then give some acceleration (from 1000 to 3000 rpm). Repeat the operation 2 or 3 times.

\* The "without disassembling" instructions are for professionals or "advanced mechanics" only. Bardahl assumes no responsibility in case of problems if the instructions are not followed carefully.